



October 2003

GOT NETWORK CONTROLS?



Cybercrime

Entities nationwide have experienced hack attacks:

One man hacked into a former employer's computer. He deleted 675 files, modified computer access, altered billing records, and transmitted emails containing false statements to over 100 clients.

A computer game hospital employees downloaded contained a Trojan horse allowing hackers to access the system and gain confidential employee information.

An IRS systems administrator subcontractor inserted destructive code designed to execute after his termination. The code was found prior to its execution. Investigation revealed he lied about previous work and criminal history.

A hacker attempted extortion of Bloomberg LP's computer system by providing evidence of hacking the system and demanding \$200,000 to not expose the vulnerability. Bloomberg's is the multinational financial information and trading company founded by New York City's current Mayor.



Network Protection

Jan Neal, the County's Acting Telecom Director, shares with us controls that protect the county network from computer hackers, viruses, worms and other threats ...

What the COUNTY does ...

- Maintains security system controls that limit the exposure of being "attacked" by computers outside the county network.
- Maintains virus protection software controls on all network computers.
- Provides secure methods to allow authorized telecommuters to access the county network.
- Has a "SWAT team" comprised of county technical representatives to proactively research and react to viruses/worms/vulnerabilities. This team then communicates the action to be taken by departmental PC/LAN managers.
- Performs security audits on servers attached to the county network.

Talk to your PC/LAN manager before installing ANY software on your work PC

What EMPLOYEES can do at work ...

- Only open emails and email attachments from people you know and/or are expecting.
- Ensure that any floppy disk you bring to work has been checked/cleaned with virus protection software BEFORE placing it in your computer.
- Access your public/personal email (i.e., Yahoo, Earthlink, Hotmail, etc.) only from home. At work, use only Outlook.



**Jan Neal
Acting Director
Telecom**

And what TELEWORKERS can do ...

- Make sure that current virus protection software is installed on their home PCs.
- Install a personal firewall.
- Keep current on application and operating system patches.

Thanks for helping us use controls that keep the county network secure!

Did You Know?

- 81% of surveyed businesses report most attacks came from disgruntled employees
- An FBI Survey indicated that Year 2000 reported losses caused by hackers equaled well over \$600 million
- During 2001, close to half of prosecutor's offices surveyed reported prosecuting cases involving computer-related crimes

Contact Internal Audit for internal control support at (602) 506-1585

